

APPARATUS AND METHOD FOR AUTOMATIC ELIMINATION OF ROUND-TRIP DELAY ERRORS INDUCED BY AUTOMATIC TEST EQUIPMENT CALIBRATION

Abstract

A Dual Channel Mode for selecting specific waveform sets or characters in the applied data eliminates round trip delay errors in automatic test equipment. Drive waveforms and data are directed by a compiler to a first channel, while receive waveforms and data are directed to a second channel, eliminating false readings induced by the round-trip delays. The drive and compare waveforms are separated onto the first and second channels of electronics.